APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/465,629	12/17/1999	LEWIS T. DONZIS	NORT-0030-US	9110

		EXAMINER
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ART UNIT	PAPER NUMBER
2135	

DATE MAILED: 08/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	**Applicant(s)**
Advisory Action	09/465,629	DONZIS ET AL.
	Examiner	**Art Unit**
	Allen S. Wu	2135

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 01 June 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may <u>only</u> be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

<u>PERIOD FOR REPLY</u> [check either a) or b)]

a) ☒ The period for reply expires _3_ months from the mailing date of the final rejection.

b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1.☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.

2.☐ The proposed amendment(s) will not be entered because:

   (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);

   (b) ☐ they raise the issue of new matter (see Note below);

   (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

   (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

      NOTE: _____.

3.☐ Applicant's reply has overcome the following rejection(s): _____.

4.☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5.☒ The a)☐ affidavit, b)☐ exhibit, or c)☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: *See Continuation Sheet*.

6.☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7.☒ For purposes of Appeal, ~~the proposed amendment(s) a)☐ will not be entered or b)☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended~~.

   The status of the claim(s) is (or will be) as follows:

   Claim(s) allowed: _____.

   Claim(s) objected to: _____.
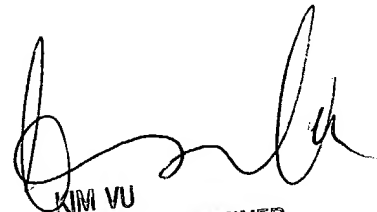
   Claim(s) rejected: 1-4, 8-21, 24-28, 35-36

   Claim(s) withdrawn from consideration: _____.

8.☐ The drawing correction filed on _____ is a)☐ approved or b)☐ disapproved by the Examiner.

9.☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s). _____.

10.☐ Other: _____

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Continuation of 5. does NOT place the application in condition for allowance because: applicant's remarks regaridng claims 1-4, 8-15, 17-21, 24-28, 35, and 36 are not persuasive. Applicant remarks that Nesset does not teach" translation of the address infromation contained in the data unit" (see page 7 of remarks). However, Nesset discloses the use of an SPI value in the header of the data unit that is used to "deteremine a lcal IP address" (see col 32 line 56-59). Nesset further discloses use of the security information "for distributed network address translation" (see col 26 lines 19-22). Applicant further admits Nesset discloses a way of mapping a "SPI value to a local IP address)" (see pages 8 paragraph 4 - 9 paragraph 1 of remarks). By mapping a value to a local IP address, an identidifer of a network entity that a data unit is targeted for is generated. Thus, Nesset does disclose translating the address information to an address of a target newtork entity based on the ISAKMP information. Applicant further remarks that stripping and addition of an outer header containing local network address do not constitute translating the address information of a received data unit (see page 8 paragraph 1 of remarks). However, even though Nesset discloses a different method of address translation, Nesset is still translating address informaiton of a received data unit through the determining of a local IP address according to an SPI value (see col 32 ln 57-59).

Applicant further remarks that there is "no motivation or suggestion to combine Nesset and Maughan" (see page 8 paragraph 3 or remarks) and that Nessett does not teach use of ISAKMP information (see page 8 paragraph 4 of remarks). However, Nesset does suggest use of ISAKMP information (see col 25 lines 1-5), however choses IKE as the preferred emobidment. Nesset discloses a way of mapping an SPI value to a local IP address (as admitted by applicant, see page 9 lines 1-2), and thus a translation of the address information according to security information. Maughan is relied on for showing how such SPI values are handled according to the initiator and responder cookies of ISAKMP (see section 3.5 lines 37-47). Threrefore, Nesset discloses network address translation using SPI values, which correspond to ISAKMP information, as suggested by Maughan. Nesset suggests use of ISAKMP information, more particularly SPI values, for generating an identifier of a network entity that a data unit is targeted for (see col 32 ln 57-59, SPI value in the IPsec header is used to determine a local IP 54 address of a destination netowrk device). Nesset further discloses the use of IKE and its SPI values, and that IKE is a standard encompassing ISAKMP and OAKLEY Protocols (see col 25 lines 1-5) and use of ISAKMP for security association (SA) negotiation (see col 25 ln 16-17). Thus, Nesset does suggest translation of a network address using ISAKMP information, more particularly the SPI value pertaining to responder and intiator cookies of Maughan. Both Nesset and Maughan discloses use of ISAKMP for establishing security associations via IPsec. Therefore, one of odrinary skill in the art at the time of the applicant's invention would have been able to combine the teachings of Maughan within the system of Nesset.

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